

What is claimed is:

1. A hierarchical operation method for a cyber shopping mall, which is applied to an information communication system, characterized by hierarchically connecting cyber shops upon opening the cyber shops in the cyber shopping mall.

2. The hierarchical operation method as claimed in claim 1, wherein the cyber shopping mall grants certain codes to and hierarchically manages the cyber shops according to categories of goods and services with which the cyber shops deal, to thereby facilitate cyber shop searches.

3. The hierarchical operation method as claimed in claim 1, wherein, in the cyber shops, upper-layer cyber shops can use goods information of lower-layer cyber shops and deal with corresponding goods.

4. The hierarchical operation method as claimed in claim 2, wherein, in the cyber shops, upper-layer cyber shops can use goods information of lower-layer cyber shops and deal with corresponding goods.

5. A hierarchical operation method for a cyber shopping mall, which is applied to an information communication system, comprising steps of:

(1) building in a cyber shopping mall server meta data for operating the cyber shopping mall such as cyber shop classification criteria, requirements by field, code-granting methods, database-constructing methods, and the like;

(2) receiving, by the cyber shopping mall server, cyber shop opening application information in the cyber shopping mall from users who wish to operate cyber shops;

(3) selecting, by the cyber shopping mall server, hierarchical categories to which the cyber shops belong by using the cyber shop opening application information and existing shop information based on classification criteria defined by the meta data;

5 (4) granting, by the cyber shopping mall server, codes to the cyber shops and interconnecting upper and lower layers through databases with reference to the meta data based on the hierarchical classification of the cyber shops selected; and

(5) notifying, by the cyber shopping mall server, the users of the operations of the cyber shops applied for opening by the users by utilizing the cyber shop information of lower and upper layers interconnecting the cyber shops and the databases.

6. The hierarchical operation method as claimed in claim 5, wherein the cyber shops can share for use members information and goods information built by the cyber shops of lower and upper layers.

7. The hierarchical operation method as claimed in claim 5, wherein the upper-layer cyber shops can use the goods information of the lower-layer cyber shops and deal with corresponding goods.

8. The hierarchical operation method as claimed in claim 5, wherein the meta data includes information for operating the cyber shopping mall such as the cyber shop classification criteria, requirements by field, code-granting method, database-constructing method, and so on.

9. The hierarchical operation method as claimed in claim 6, wherein the meta data includes information for operating the cyber shopping mall such as the cyber shop classification criteria, requirements by field, code-granting method, database-constructing method, and so on.

10. The hierarchical operation method as claimed in claim 7,  
wherein the meta data includes information for operating the cyber  
shopping mall such as the cyber shop classification criteria,  
requirements by field, code-granting method, database-constructing  
method, and so on.

11. A computer-readable recording medium of storing programs  
for realizing functions, in an information communication system having  
a processor, of:

(1) receiving cyber shop opening application information in a  
cyber shopping mall from users who wish to operate cyber shops;

(2) selecting hierarchical categories to which the cyber shops  
belong by using the cyber shop opening application information and  
existing shop information based on classification criteria defined by  
meta data for operating the cyber shopping mall;

(3) granting codes to the cyber shops and interconnecting upper  
and lower layers through databases with reference to the meta data  
based on the hierarchical categories of the cyber shops selected; and

(4) notifying the users of the operations of the cyber shops  
applied for opening by the users by utilizing the cyber shop  
information of lower and upper layers interconnecting the cyber shops  
and the databases